

## MINI RFID HF/NFC, LF, UHF ISO CARD

**@RFID** offers a wide range of RFID transponders.

The MINI RFID ISO CARDS integrate a copper (CU) wired (HF/NFC and LF version) or etched antenna (UHF version) with bonded RFID chip, laminated between six PVC layers. The sizes  $53.98 \times 28.53$  mm with

thickness less than 0.85mm.



Full 4x4 colours offset print is available, as well as chip encoding.

Combinations of different Frequencies in one card:

Not connected

HF/NFC + IF HF/NFC + IIHF

IF+IIHF

- Connected HF and UHF antenna to one UID- HF/NFC + UHF Chip EM4423
- Thin Card with 0.53 mm thickness is available (HF and UHF)
- Matt instead of brilliant surface
- Other surface material PC, PET etc. is available



### Frequencies/Chips:

HF/NFC: ISD14443: NXP Mifare Series / NTAG Series (NFC-A), @rfid compatible

ISD15693: NXP I Code Series (NFC-V)

LF: DeFacto Standard: EM4200, TK4100, @rfid compatible

UHF: 1 ISO 18000-6 CLASS 1 GEN 2: ALIEN Higgs, Impinj Monza, NXP U Code

Technical:

Material:

PVC

Operating Temperature:

-30° ... +50°C

**Estimated Durability:** 

3 to 5 years

Frequencies:

HF/NFC

13.56 MHz ± 5%

LF

125 kHz ± 5%

UHF

865 ... 868 MHz

Environmental:

**RoHS** compliant

Customized:

Printable, Encoded

#### **@RFID** Deutschland

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### **Applications for**

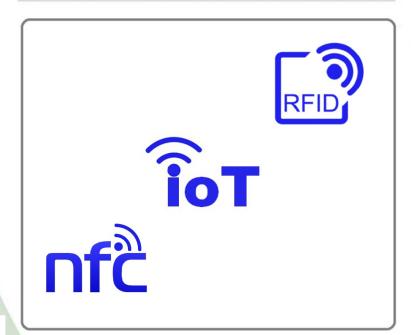
### MINI RFID/NFC ISO CARDS:

- Employee ID Card / Batch
- Access Control
- Hard Label for goods branding
- Member Card (Cash and Carry Market, Social Club, Golfclub, Assurance, Automobile Club etc.)
- Tourist Card
- Payback/Loyality Card
- Prepaid Card (Laundry, Waste Deposit, Driving Range etc.)
- Season Ticket (Recreation Park, Zoo, Football Arena, Theater, Cinema etc.)
- Public Transport Ticket
- Ski Ressort Pass
- Time Attendance
- Waste Collection
- Your idea/application



### Send us your layout as we can offer best quality printed MINI ISOCARDs.

These are normally with brilliant surface (matt on request)...



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